

SEP 25 2000

Sheet 1 of 2

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07039-161001Application No.  
09/595,650**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Yuan-Ping PangFiling Date  
June 16, 2000Group Art Unit  
~~Unknown~~ 1631**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

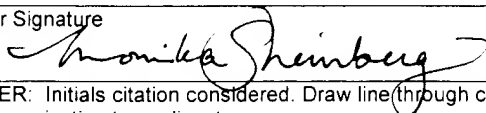
**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
MBS	AC	Alberts et al., <u>Protein Science</u> , 1998, 7:1700-1716
	AD	Aqvist et al., <u>J. Am. Chem. Soc.</u> , 1990, 112(8):2860-2868
	AE	Atassi et al., <u>Critical Reviews in Immunology</u> , 1999, 19(3):219-260
	AF	Boehm et al., <u>Biochem. Biophys. Res. Commun.</u> , 1998, 252:190-194
	AG	Cieplak et al., <u>J. Comp. Chem.</u> , 1995, 16(11):1357-1377
	AH	Cornell et al., <u>J. Am. Chem. Soc.</u> , 1995, 117(19):5179-5197
	AI	El Yazal et al., <u>J. Phys. Chem. B</u> , 1999, 103:8773-8779
	AJ	El Yazal et al., <u>J. Phys. Chem. B</u> , 2000, 104:6662-6667
	AK	Hanahan et al., <u>Cell</u> , 1996, 86(3):353-364
	AL	Hoops et al., <u>J. Am. Chem. Soc.</u> , 1991, 113(22):8262-8270
	AM	Klimpel et al., <u>Mol. Microbiol.</u> , 1994, 13(6):1093-1100
	AN	Lu et al., <u>Proteins</u> , 1998, 33:119-134
	AO	Mackay et al., <u>Trends Biochem. Sci.</u> , 1998, 23:1-4
	AP	Pang et al., <u>J. Am. Chem. Soc.</u> , 1999, 121(8):1717-1725
	AQ	Pang, <u>J. Mol. Model.</u> , 1999, 5:196-202
	AR	Roe et al., <u>J. Mol. Model.</u> , 1999, 5:134-140
	AS	Ryde, <u>Proteins</u> , 1995, 21:40-56
	AT	Santos et al., <u>Clin. Exp. Metastasis</u> , 1997, 15:499-508
	AU	Shalinsky et al., <u>Annals of Oncology</u> , 1998, 9(2):73, Abstract No. 278
	AV	Shalinsky et al., <u>Clin. Cancer Res.</u> , 1999, 5(7):1905-1917

Examiner Signature

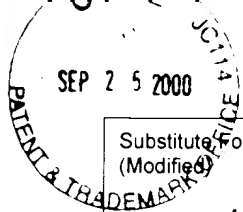


Date Considered

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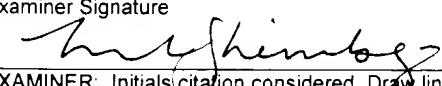
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-161001	Application No. 09/595,650
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Yuan-Ping Pang	
		Filing Date June 16, 2000	Group Art Unit <del>Unknown</del> 1631

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
MDS	AW	Stote et al., <u>Proteins</u> , 1995, 23:12-31
	AX	Vanhooke et al., <u>Biochem.</u> , 1996, 35(19):6020-6025
	AY	Vedani et al., <u>J. Am. Chem. Soc.</u> , 1990, 112(12):4759-4767
	AZ	Vu et al., <u>Cell</u> , 1998, 93(3):411-422
	AAA	Wasserman et al., <u>Proteins</u> , 1996, 24(2):227-237
	ABB	Zahn et al., <u>J. Am. Chem. Soc.</u> , 1999, 121(32):7279-7282

Examiner Signature 	Date Considered 7/20/01
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		Filing Date June 16, 2000	Group Art Unit 1645

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## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
MBS	AA	5,553,004	09/03/96	Gronbeck-Jensen et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

## Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AI							
	AJ							
	AK							
	AL							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
MBS	AM	Braga et al., <u>Chem. Commun.</u> , 1996, N5:571-578
	AN	Charifson et al., <u>J. Computational Chem.</u> , 1991, 12(7):899-908
	AO	Cieplak et al., <u>J. Computational Chem.</u> , 1995, 16(11):1357-1377
	AP	Guilbaud et al., <u>J. Phys. Chem.</u> , 1993, 97:5685-5692
Duplicate	<del>AQ</del>	<del>Pang, <u>J. Mol. Model.</u>, 1999, 5:196-202</del>
	<del>AR</del>	<del>Roe et al., <u>J. Mol. Model.</u>, 1999, 5:134-140</del>
MBS	AS	Schneider et al., <u>Pure &amp; Appl. Chem.</u> , 1993, 65(11):2329-2334
	AT	Sivaraja et al., <u>J. Am. Chem. Soc.</u> , 1992, 114(9600-9603
Duplicate	<del>AU</del>	<del>Stote et al., <u>Proteins: Structure, Function, and Genetics</u>, 1995, 23:12-31</del>

Examiner Signature

Monika Shenberg

Date Considered

7/31/01

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 IRSY. 7.801  
U.S. Department of Commerce  
Patent and Trademark Office

ATTORNEY DOCKET NO. 600-1-268

SERIAL NO. ~~Unassigned~~ 09/614,128

APPLICANT Eric D. Siggia et al

FILING DATE Herewith

GROUP ~~Unassigned~~ 1631

LIST OF DOCUMENTARY INFORMATION  
CITED BY APPLICANT  
(Use several sheets if necessary)

5C781 09/614,128 PTO  
07/11/00

# U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
NBS	A	5,796,863	8-18-98	Lyon	382	157	
	B	5,598,350	1-28-97	Kawanishi et al.	364	496	
	C	5,956,499	9-21-99	Colgan	395	500.23	6-23-97 & earlier
	D	5,856,928	1-5-99	Yan	364	496	
	E	5,845,049	12-1-98	Wu	395	22	
	F	5,752,001	5-12-98	Dulong	395	500	
	G	5,701,256	12-23-97	Marr et al.	364	496	
	H	5,689,584	11-18-97	Kobayashi	382	190	
	I	5,671,090	9-23-97	Pernick et al.	359	561	
	J	5,590,159	12-31-96	Anderson	375	340	
	K	5,479,523	12-26-95	Gaborski et al.	382	159	
	L	5,263,097	11-16-93	Katz et al.	382	48	
	M	4,876,731	10-24-89	Loris et al.	382	40	
	N	4,776,020	10-4-88	Kosaka et al.	382	1	
	O	5,977,890	11-2-99	Rigoutsos et al.	341	55	2-13-98 & earlier
	P	5,867,402	2-2-99	Schneider et al.	364	496	

# FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO


OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MBS 1	Q	Yokomori <i>et al.</i> (1998) Learning Local Languages and Their Application to DNA Sequence Analysis, in IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, p. 1067 - 1079.
	R	I. Rigoutsos and A. Floratos (1998) <i>Combinatorial pattern discovery in biological sequences: the TERESIAS algorithm.</i> Bioinformatics 14, 55-67.
EXAMINER: <i>Monika Steinberg</i>		DATE CONSIDERED: <i>7/12/01</i>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:          Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		